

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

K-1812

Applicant : Hideo Sugiyama et al.  
Title : LIGHT TRANSMISSION TUBES  
Serial No. : ~~09/292,463~~ / 761,584  
Filed : April 15, 1999  
Group Art Unit : 2872  
Examiner : Jon W. Henry

Hon. Commissioner of Patents and Trademarks  
Washington, D. C. 20231

January 18, 2001

PRELIMINARY AMENDMENT

Sir:

Preliminary to examination, please amend the application, as follows:

IN THE SPECIFICATION

Page 1, line 1, delete "Light Transmission Tubes and";  
line 2, delete "the";  
line 4, delete "light transmission";  
line 5, delete "tubes and" and "the";  
line 10, delete "light transmission";  
line 11, delete "tubes and" and "said".  
Page 2, line 12, change "people have" to --it has been--.  
Page 3, line 8, change "not" to --nor--;  
line 9, change "occur" to --enters--.  
Page 4, line 3, delete "the".  
Page 5, line 7, delete "a"(second occurrence);  
line 16, change "have" to --is--.  
Page 7, lines 3-4, 11, 15 and 20, delete "a light transmission tube and";

#2A  
Prelim. Amndt  
S. Davis  
4/10/09

RECEIVED - 1/18/01

a

lines 4, 12, 16 and 21, change "said" to --a light transmission--;

line 9, change "arts" to --art--.

Page 8, line 2, delete "a light transmission tube and";

line 3, change "said" to --a light transmission--;

line 10, change "characterized in that" to --wherein--;

line 14, change "scattered" to --scattered--.

Page 9, line 16, delete "a";

lines 17 and 22, change "scatterring" to --scattering--.

Page 10, lines 15 and 16, change "(meta)" to --meta--;

lines 18, 21 and 25, change "scatterring" to --scattering--.

Page 11, lines 3, 7 and 25, change "scatterring" to --scattering --;

line 21, change "color" to --material--.

Page 12, line 13, change "index" to --indexes--.

Page 13, line 10, change "scattered" to --scattered--;

line 18, after "from" add --a--.

Page 14, lines 21, 23 and 24, change "(meta)" to --meta--.

Page 15, lines 1 and 10, change "scatterring" to --scattering--;

line 6, change "color" to --material--;

line 22, change "are" to --is--.

Page 16, line 7, change "scattered" to --scattered--.

Page 17, line 13, change "color" to --material--;

line 17, change "scatterring" to --scattering--.

Page 18, line 14, change "scattered" to --scattered--.

Page 20, line 1, change "color" to --material--;

line 5, change "scatterring" to --scattering--.

Page 21, line 3, change "scattered" to --scattered--.

Page 23, line 3, change "color" to --material--.

Page 24, line 1, change "scattered" to --scattered--.

Page 25, lines 13, 16 and 17, change "(meta)" to --meta--;

line 22, change "color"(both occurrences) to --material

--.

Page 26, line 1, change "scatterring" to --scattering--;

line 3, change "color" to --material--;  
line 9, change "coverring" to --covering--;  
line 17, change "A-A" to --2-2--.

Page 27, line 1, change "V-V" to --5-5--;  
line 3, change "VI-VI" to --6-6--;  
line 17, change "C-C" to --9c-9c--;  
line 25, change "XC-" to --10c-10c--.

Page 28, line 1, delete "XC";  
lines 2-3, change "XD-XD" to --10d-10d--;  
lines 7-8, change "XIB-XIB" to --11b-11b--;  
lines 9-10, change "XIC-XIC" to --11c-11c--;  
line 10, change "11a" to --11b--.

Page 29, lines 21-25, delete "a"(all occurrences).

Page 30, line 1, delete "a"(first occurrence);  
lines 3, 5, 7, 8, 16, 19, 21 and 25, delete "a"(all occurrences);  
line 4, delete "a"(second and third occurrences);  
line 6, delete "an"(all occurrences);  
line 7, delete "an";  
line 17, delete "a"(second and third occurrences);  
line 18, delete "a"(second occurrence);  
line 20, delete "a"(second occurrence);  
line 21, delete "an";  
line 22, delete "a"(second and third occurrences);  
line 23, delete "a"(second occurrence);  
line 24, delete "a"(first occurrence).

Page 31, lines 6 and 9, change "(meta)" to --meta--;  
line 7, delete "an"(second to fourth occurrences);  
lines 12, 13 and 20, delete "an";  
line 12, delete "a"(second occurrence);  
line 16, delete "a"(first occurrence);  
lines 21 and 22, delete "a".

Page 32, line 8 from the bottom, delete "an" and "a".

Page 33, lines 1 and 2, change "scatterring"(all occurrences) to --scattering--.

line 7, change "BaSO4" to --BaSO<sub>4</sub>--.

Page 34, line 13, delete "a";  
 line 14, delete "a"(first and third occurrences);  
 line 15, delete "a"(first occurrence);  
 lines 15, 17, 19, 20 and 23, change "(meta)" to --meta--.

Page 35, line 1, change "scatterring" to --scattering--;  
 line 8, delete "a" and "an";  
 line 24, change 'are" to --is--.

Page 36, lines 22-25, delete "a"(all occurrences).

Page 37, line 1, delete "an"(both occurrences);  
 line 8, change "color" to --material--.

Page 40, lines 1 and 7 after table 1, change "scatterring" to --scattering--.

Page 41, line 3, change "a"(first occurrence) to --an--.

Page 42, lines 8 and 17, change "color" to --material--;  
 line 14, delete "a".

Page 43, line 4 from the bottom, change "a"(first occurrence) to --an--.

Page 45, line 9, change "V-V line" to --5-5--;  
 lines 10-11, change "VI-VI line" to --6-6 line--.

Page 46, lines 10, 11, 15, 16, 22 and 23, delete "a"(all occurrences);  
 line 6, delete "a"(second occurrence);  
 line 7, delete "a"(second and third occurrences);  
 lines 8 and 16, change "(meta)" to --meta--;  
 line 8, delete "a"(second occurrence);  
 lines 9, 15 and 16, delete "an";  
 line 12, delete "a"(first and second occurrences);  
 line 21, delete "a"(second occurrence);  
 line 24, delete "a"(first and third occurrences);  
 line 25, delete "a"(first and second occurrences).

Page 47, line 1, delete "a"(first and second occurrences);  
 line 2, delete "a"(second occurrence);  
 line 3, delete "a"(first and second occurrences);

lines 4, 6 and 8, delete "a"(all occurrences);  
 line 5, delete "a"(first occurrence) and "an";  
 lines 6 and 7, delete "an";  
 line 7, delete "a"(second and third occurrences);  
 line 13, delete "a"(second occurrence);  
 line 14, delete "a"(first and third occurrences);  
 line 15, delete "a"(first occurrence);  
 lines 15 and 17, change "(meta)" to --meta--.  
 Page 48, lines 21 and 25, change "not any" to --no--.  
 Page 50, line 18, delete "a"(third occurrence);  
 line 19, delete "an";  
 lines 22 and 23, change "scatterring" to --scattering--;  
 line 25, change "coverring" to --covering--.  
 Page 51, lines 9 and 14, change "color"(all occurrences) to --  
 material--;  
 line 13, change "scatterring" to --scattering--;  
 line 21, change "coverring" to --covering--;  
 line 24, change "index" to --indexes--.  
 Page 52, line 25, delete "a".  
 Page 53, line 6, after "described" add --methods--;  
 line 9, change "color" to --material--.  
 Page 54, lines 12 and 13, delete "a"(all occurrences);  
 line 14, delete "an" and "a"(second and third  
 occurrences);  
 line 15, change "a"(first occurrence) to --an--.  
 Page 56, line 1, change "are forming a" to --forms an--;  
 line 6, change "a" to --an--.  
 Page 57, line 5, change "are" to --is--;  
 line 24, change "IXc-IXc" to --9c-9c--.  
 Page 58, line 2, change "coverring" to --covering--;  
 line 4, change "windingspirally" to --wound spirally--;  
 line 16, change "that" to --those--;  
 line 18, change "not any" to --no--.  
 Page 59, line 22, after "times" add --relative to--.  
 Page 60, line 9, change "Fig. 9" to --Figs. 9a-9c--;

lines 9 and 10, change "color" to --material--;  
line 21, change "coverring" to --covering--.  
Page 62, lines 23-24, change "a line Xc-Xc" to --line 10c-10c--;  
line 25, change "a line Xd-Xd" to --line 10d-10d--.  
Page 63, line 2, change "coverring" to --covering--;  
line 8, after "other" add --)--;  
line 19, change "not any" to --no--.  
Page 65, line 5, change "Fig. 9" to --Figs. 10a-10d--;  
lines 5 and 6, change "color" to --material--;  
line 17, change "coverring" to --covering--.  
Page 68, line 19, change "an XIB-XIB line" to --line 11b-11b--;  
line 21, change "an XIC-XIC line" to --line 11c-11c--.  
Page 69, line 16, change "near andfacing" to --located near--;  
line 18, delete "on"(first occurrence);  
line 22, change "on to" to --onto--;  
line 24, change "having to use" to --using--.  
Page 71, line 15, after "described" add --position--.  
Page 72, lines 14 and 15, change "color" to --material--.  
Page 73, line 1, change "coverring" to --covering--.  
Page 74, lines 6-7, change "in which" to --as--;  
line 23, change "on to" to --onto--.  
Page 75, lines 3 and 18, change "on to" to --onto--.  
Page 76, lines 3, 6 and 8, delete "a"(all occurrences);  
line 5, delete "the"(first occurrence);  
line 7, delete "an".

#### IN THE CLAIMS

Please cancel claims 1-6, 12, 14, 16, 17, 19-23, 25 and 26, and amend claims 7, 9, 10, 11, 13, 15, 18 and 24, as follows:

Claim 7, lines 3, 7, 11 and 16, change "scatterring" to --scattering--;

line 7, change "the" to --a--.

Claim 9, line 2, change "characterized in that" to --wherein--;

line 3, change "color" to --material--;

line 9, change "the"(first occurrence) to --a--;

line 12, change "the" to --an--;

line 15, change "coverring" to --covering--.

Claim 10, lines 2, 4 and 5, delete "(" and ")", respectively;

line 3, delete "a"(both occurrences).

Claim 11, line 2, change "the" to --an--.

Claim 13, line 2, change "of claim 1, characterized in that" to --wherein--;

line 3, change "color" to --material--;

line 11, delete "a plurality of" and change "layers" to --layer--;

line 14, change "coverring" to --covering--, and delete "the"(second occurrence);

line 15, delete "plurality of" and change "layers" to --layer--.

Claim 15, line 2, change "14" to --13--, and change "characterized in that" to --wherein--;

lines 3-15, delete "a multi-color.....a manner such that the".

Claim 18, line 2, change "16" to --13--, and change "characterized in that" to --wherein--;

lines 3-15, change "a multi-color.....with the" to --an--;

line 16, change "being" to --is--.

Claim 24, line 2, change "19" to --13--, and change "characterized in that" to --wherein--;

lines 3-15, change "a multi-color.....with the" to --an--;

line 16, change "the"(first occurrence) to --a--, and change "being" to --is--.

Please add new claim 27, as follows:

27. A method of manufacturing a light transmission tube of claim 13, wherein said belt-like reflecting layer includes a plurality of layers formed on the outer surface of the solid cylindrical core member.

IN THE ABSTRACT ✓

Please change the abstract, as attached herewith.

IN THE TITLE ✓

Please change the title to --METHOD OF MANUFACTURING LIGHT TRANSMISSION TUBES--.

REMARKS

In filing a divisional application, clerical errors of the specification and claims have been amended.

Respectfully submitted,

KANESAKA AND TAKEUCHI

by



Manabu Kanesaka

Reg. No. 31,467

Agent for Applicants

1423 Powhatan Street  
Alexandria, VA 22314  
(703) 519-9785

09761584-044304  
FOR FTO 48519260



[illegible]

9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

K-1812DIV

Applicant : Hideo Sugiyama et al.  
Title : METHOD OF MANUFACTURING LIGHT TRANSMISSION TUBES  
Serial No. :  
Filed : January 18, 2001  
Group Art Unit :  
Examiner :

Hon. Commissioner of Patents and Trademarks  
Washington, D. C. 20231

January 18, 2001

PROPOSED DRAWING CORRECTION


Sir:

In Fig. 1, change "A-A" to --2-2--;  
In Fig. 4, change "V-V" to --5-5--;  
In Fig. 5, change "VI-VI" to --6-6--;  
In Fig. 9a, change "IXc-IXc" to --9c-9c--;  
In Fig. 10a, change "Xc-Xc" to --10c-10c--, and change "Xd-Xd"  
to --10d-10d--;  
In Figs. 10a, 10c and 10d, change "1" to --1'''--;  
In Fig. 11a, change "XIb-XIb" to --11b-11b-;  
In Fig. 11b, change "XIc-XIc" to --11c-11c--.

REMARKS

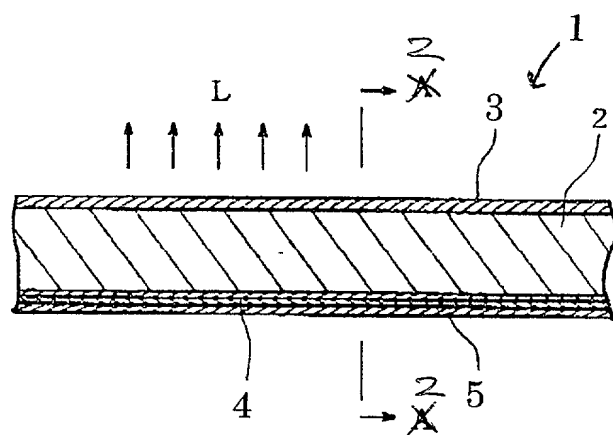
Formalities of the drawings have been amended. The corrections  
are indicated in red in the attached copies thereof.

Respectfully submitted,  
KANESAKA AND TAKEUCHI

by   
Manabu Kanesaka  
Reg. No. 31,467  
Agent for Applicants

1423 Powhatan Street  
Alexandria, VA 22314  
(703) 519-9785

FIG. 1



TOP SECRET 9460

FIG. 4

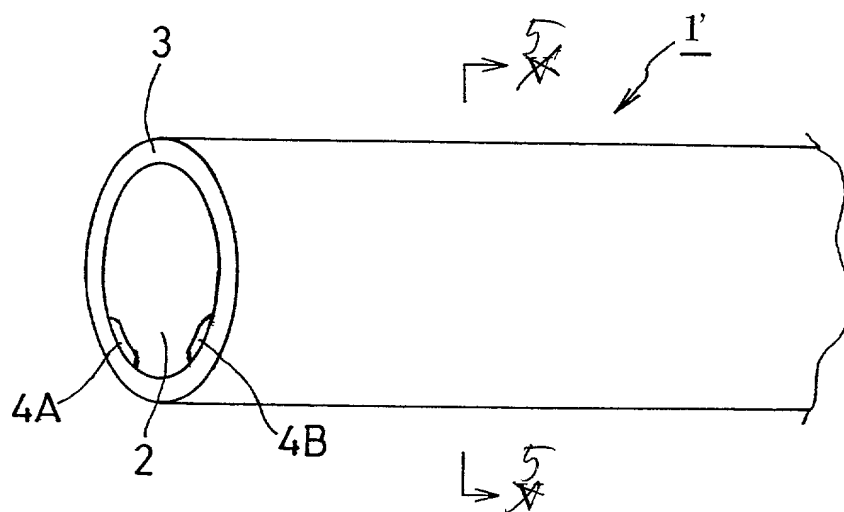


FIG. 5

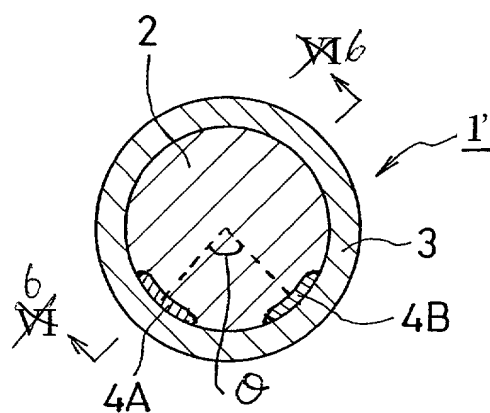
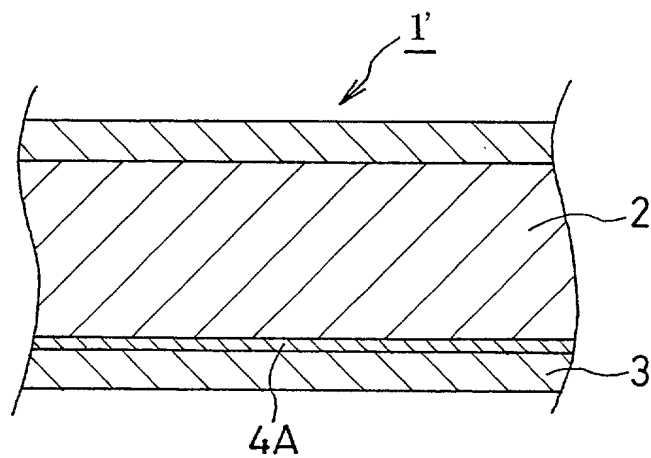


FIG. 6



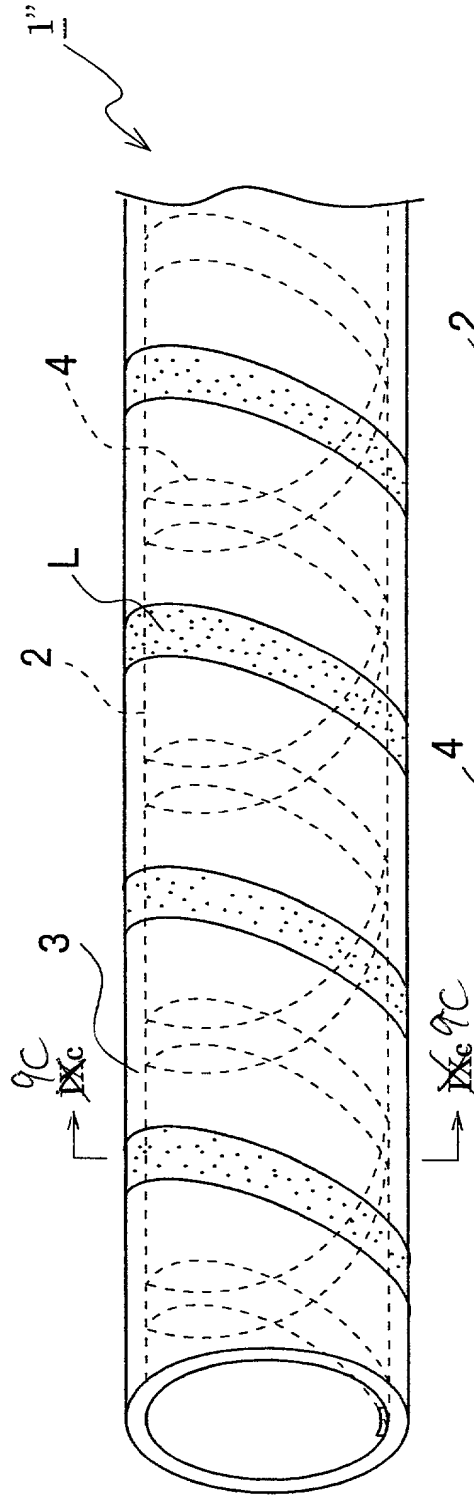


FIG. 9a

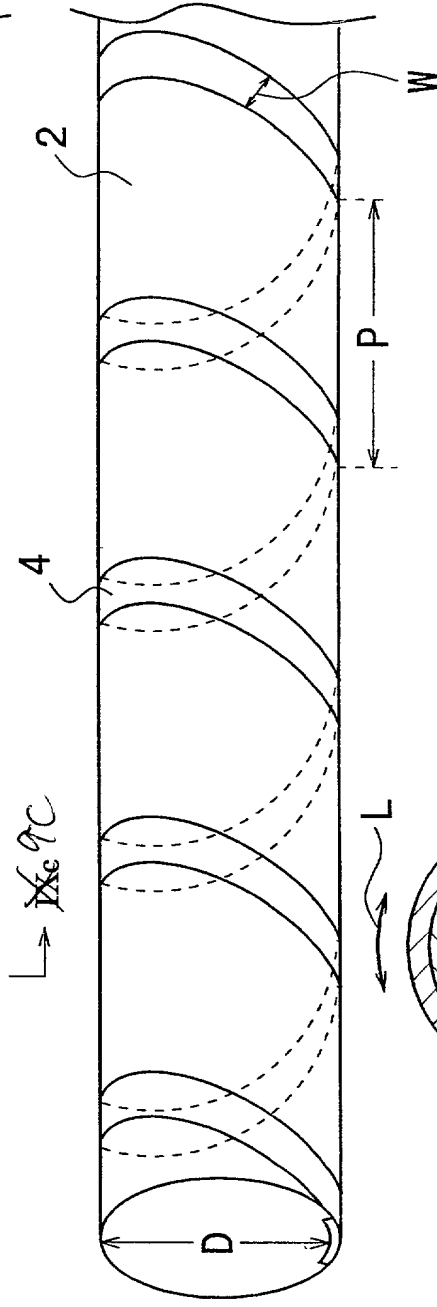


FIG. 9b

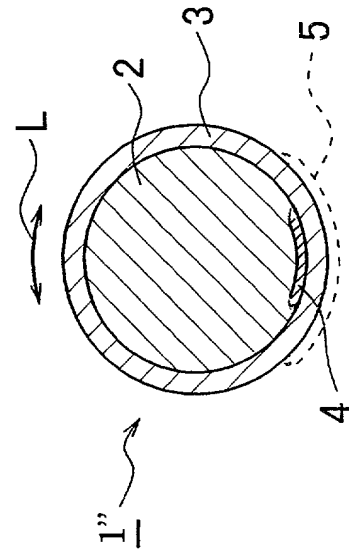


FIG. 9c

FIG. 10a

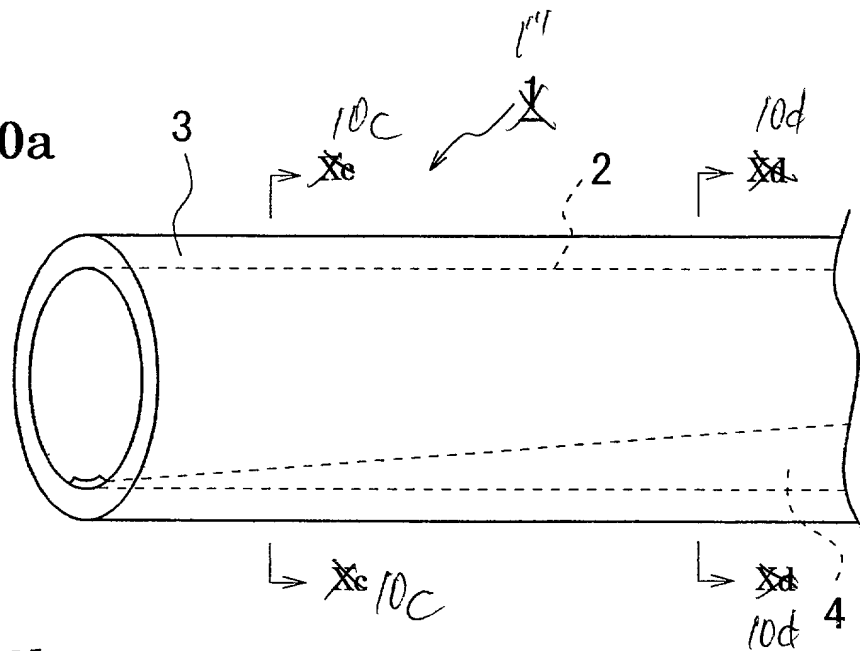


FIG. 10b

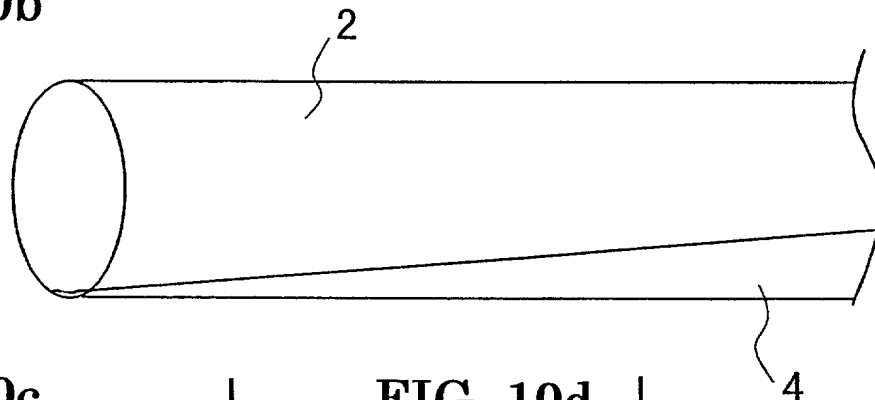


FIG. 10c

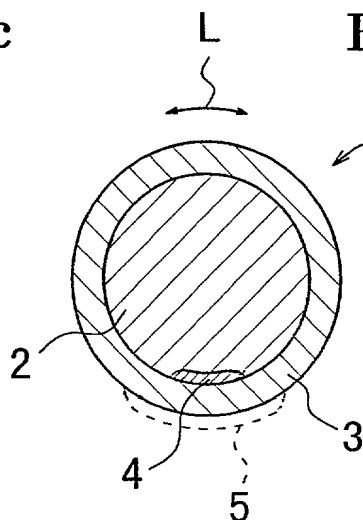


FIG. 10d

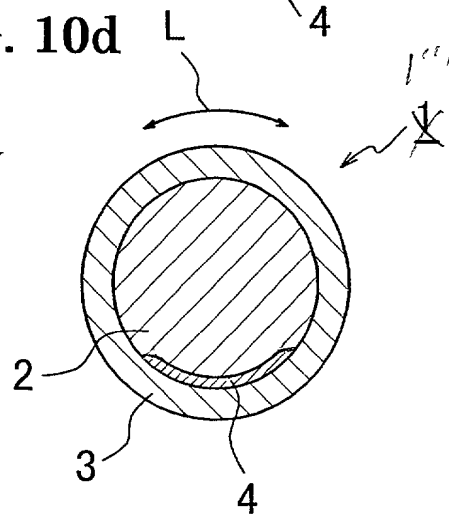


FIG. 11a

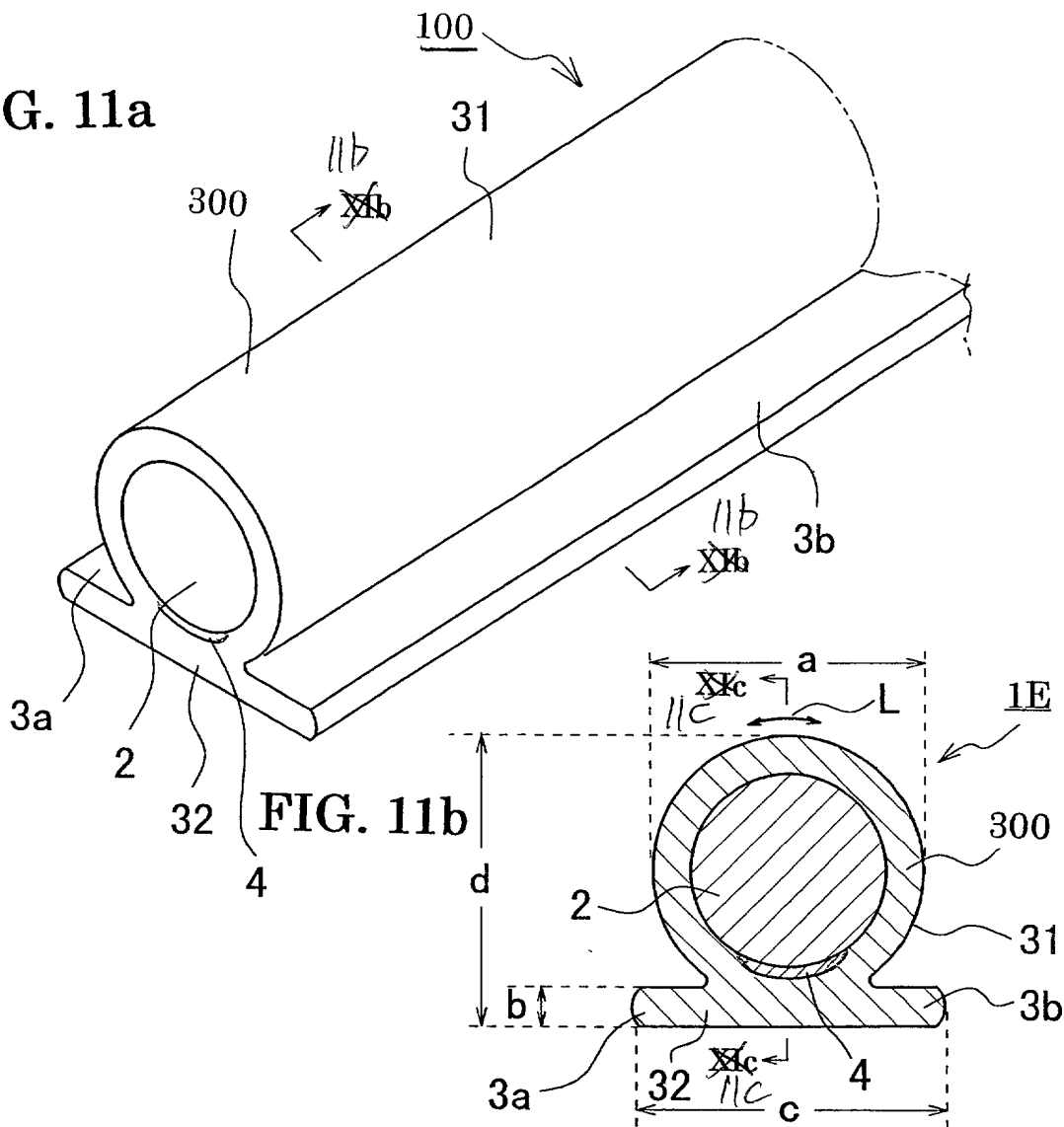


FIG. 11b

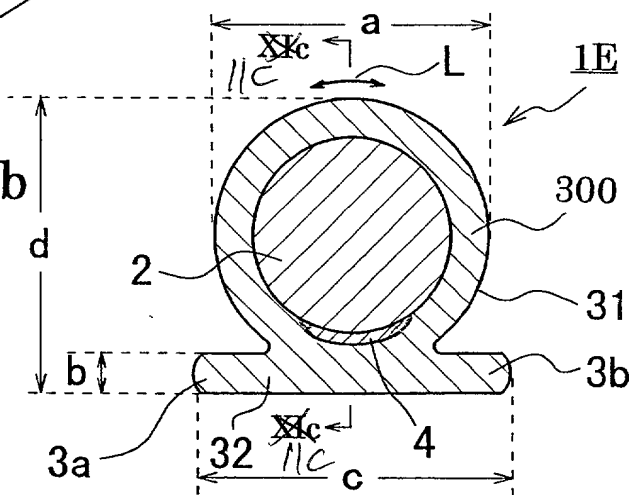


FIG. 11c

